BARNES BULLETS, LLC

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Projectile Designation	Calibers	Grains	% lead by weight	Unique Identifying Characteristics	Digital Photo
X Bullet® 76 Bullets	most rifle	multiple	<1%	All-copper, open tip, expanding bullet (no bands on shank). Discontinued except for one current bulet: 30 Carbine. Expanded bullet usually has an "X" shape at front.	
XLC™ 24 Bullets	most rifle	multiple	<1%	All-copper, open tip, expanding X Bullet® (no bands on shank), blue coating, discontinued. Expanded bullets usually will have an "X" shape at the front and blue residue on the shank	
TSX™ 62 Bullets	most rifle	multiple	<1%	All-copper, open tip, bands on bullet shank (usually hidden by cartridge neck). Discontinued. Expanded bullet usually has an "X" shape at front.	88
TTSX™ 31 Bullets	most rifle	multiple	<1%	An all-copper, banded TSX™ bullet. Instead of an open tip, the bullet has a blue Delrin (polymer) tip. Expands like a TSX™.	
MRX™ 10 Bullets	most rifle	multiple	<1%	An all-copper, banded, tipped TSX™ with a tungsten core in the base. Core is visible at bottom of bullet, but not when loaded. Expands like a TSX™.	Ma
XPB™ 13 Bullets	most handgun	multiple	<1%	All-copper, hollow point expanding bullet. Some calibers have cannelure. Ogive shape varies.	
Varmint Grenade™ 5 Bullets	.204; .224; .243	multiple	<1%	Thin copper jacket with a compressed powdered core of copper and tin. Open tip. Highly frangible. Destroyed on impact.	1
MPG™ 4 Bullets	.224; .277; .308; .310	55 & 140	<1%	Same construction and frangible performance as the Varmint Grenade, with a cannelure.	A
Expander MZ™ 5 Bullets	.45, .50, .54	multiple	<1%	All-copper, flat based, hollow point expanding bullet with a plastic sabot. Six petal expansion.	
Spit-Fire MZ™ 2 Bullets	50 caliber	245; 285	<1%	All-copper, hollow point, boattail expanding bullet in a plastic sabot.	
Spit-Fire TMZ™ 2 Bullets	50 caliber	250; 290	<1%	Blue Tipped, all-copper, expanding boattail muzzleloader bullet with a plastic sabot.	
Spit-Fire TMZ™ 2 Bullets	50 caliber	250; 290	<1%	Blue Tipped, all-copper, expanding boattail muzzleloader bullet with a plastic sabot specially designed for tight fitting bores.	10
LRX™ 4 Bullets	.284; .308; .338	multiple	<1%	An all-copper, LRX™ bullet. Instead of an open tip, the bullet has a blue Delrin (polymer) tip. Expands like a TSX™. Increased olgive for higher B.C. values.	
VOR-TX Ammunition™ 38	Most Rifle/ handgun	multiple	<1%	The all-copper, VOR-TX Ammunition is loaded with all- copper TSX and TTSX bullets.	
Total: 278 E	Bullets				

Note: Frangible bullets (Varmint Grenade and MPG) are certified for use on appropriate non-game species only.

BARNES BULLETS, LLC. 2011 NON-LEAD LISTING 38 North Frontage Road Mona, UT 84645 1-800-574-9200 Email: email@barnesbullets.com Website: www.barnesbullets.com

TRIPLE SHOCK™ X BULLETS® (TSX™)

I KII EE OHOO	K X BOLLLIO (1	OK 1
	ith an open tip and bands on the	bullet shank
22 Caliber- 224" D		
TSX Flat Base	45 Gr.	
TSX Flat Base	50 Gr.	/
TSX Flat Base	53 Gr.	(4)
TSX Flat Base	55 Gr.	
TSX Boattail	62 Gr.	
TSX Boattail	70 Gr.	
6mm Caliber - 243"	'Dia.	
TSX Boattail	85 Gr.	
25 Caliber257" Dia	1.	1
TSX Boattail	100 Gr.	//
TSX Flat Base	115 Gr.	4
6.5 Caliber264" D	Dia.	
TSX Boattail	120 Gr.	
TSX Flat Base	130 Gr.	San
6.8 Caliber277" D)ia.	CLA
TSX Flat Base	85 Gr.	
TSX Boattail	110 Gr.	
270 Caliber277" I	Dia.	
TSX Boattail	130 Gr.	A
TSX Boattail	140 Gr.	/
TSX Flat Base	150 Gr.	/
7mm Caliber - 284"	Dia.	
TSX Boattail	120 Gr.	
TSX Boattail	140 Gr.	5
TSX Boattail	150 Gr.	(
TSX Flat Base	160 Gr.	
TSX Flat Base	175 Gr.	
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TSX™ continued

30 Caliber308" Dia.		
TSX Flat Base	110 Gr.	
TSX Boattail	130 Gr.	CONTRACTOR OF THE PARTY OF THE
TSX Boattail	150 Gr.	
TSX Boattail	165 Gr.	
TSX Boattail	168 Gr.	
TSX Boattail	180 Gr.	
TSX Flat Base	200 Gr.	
30/30 Caliber308" [Dia.	The state of the s
TSX Flatnose	150 Gr.	
7.62x39 Caliber310	" Dia.	
TSX Boattail	123 Gr.	
303/7.65mm Caliber -	.311" Dia.	
TSX Flat Base	150 Gr.	
8mm Caliber323" D	Dia.	
TSX Boattail	180 Gr.	
TSX Boattail	200 Gr.	
338 Caliber338" Dia	a.	
TSX Boattail	185 Gr.	
TSX Boattail	210 Gr.	
TSX Flat Base	225 Gr.	
TSX Flat Base	250 Gr.	
338 Lapua338" Dia		Married Street Street Street,
TSX Boattail	285 Gr.	
35 Caliber358" Dia.		
TSX Flat Base	200 Gr.	
TSX Flat Base	225 Gr.	
9.3mm Caliber366"		
TSX Flat Base	250 Gr.	
TSX Flat Base	286 Gr.	

TSX™ continued

375 Caliber375" Dia.		
TSX Flat Base	235 Gr.	
TSX Flat Base	270 Gr.	
TSX Flat Base	300 Gr.	Comments that that their
TSX Flat Base	350 Gr.	Manager Spirit Spirit Spirit
405 WIN411" Dia		
TSX Flat Base	300 Gr.	
416 Caliber416" Dia.		
TSX Flat Base	300 Gr.	
TSX Flat Base	350 Gr.	
TSX Flat Base	400 Gr.	
404 Jeffrey423" Dia.		Married Str. Str. Str. Str.
TSX Flat Base	400 Gr.	
458 Caliber458" Dia.		
TSX Flat Base	300 Gr.	
TSX Flat Base	350 Gr.	
TSX Flat Base	450 Gr.	
TSX Flat Base	500 Gr.	
45/70 Caliber458" Dia		THE PROPERTY OF
TSX Flatnose	250 Gr.	CONTRACTOR DESCRIPTION
TSX Flatnose	300 Gr.	
470 Nitro474" Dia.		
TSX Flat Base	500 Gr.	
505 Gibbs505" Dia.		
TSX Flat Base	525 Gr.	
500 Nitro509" Dia.		
TSX Flat Base	570 Gr.	Grand Mills
50 Caliber510" Dia.		
TSX Boattail	647 Gr.	
577 Nitro583" Dia.		

TIPPED TRIPLE SHOCK™ X BULLETS® (TTSX™)

750 Gr.

STATE OF THE REAL PROPERTY OF THE PROPERTY OF					
All-copper TSX™ bullets with a	blue plastic tip				
22 Caliber224" Dia.					
Tipped TSX Flat Base	50 Gr.				
Tipped TSX Boattail	55 Gr.				
Tipped TSX Boattail	62 Gr.				
6mm Caliber243" Dia	<u>.</u>				
Tipped TSX Boattail	80 Gr.				
25 Caliber257" Dia.					
Tipped TSX Boattail	80 Gr.				
Tipped TSX Boattail	100 Gr.				
6.5mm Caliber - 264" Di	a.				
Tipped TSX Boattail	100 Gr.				
Tipped TSX Boattail	120 Gr.				
6.8mm Caliber - 277" Dia.					
Tipped TSX Boattail	95 Gr.				
270 Caliber277" Dia.					
Tipped TSX Boattail	110 Gr.				
Tipped TSX Boattail	130 Gr.				
7mm Caliber284" Dia	١.				
Tipped TSX Flat Base	110 Gr.				
Tipped TSX Boattail	120 Gr.				
Tipped TSX Boattail	140 Gr.				

TSX Flat Base



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TTSX™ continued

1107t continuou		79
30 Caliber308" Dia.		-
Tipped TSX Flat Base	110 Gr.	
Tipped TSX Boattail	130 Gr.	
Tipped TSX Boattail	150 Gr.	
Tipped TSX Boattail	165 Gr.	
Tipped TSX Boattail	168 Gr.	
Tipped TSX Boattail	180 Gr.	
Tipped TSX Boattail	200 Gr.	
8mm Caliber323" Dia.		
Tipped TSX Boattail	160 Gr.	
338 Caliber338" Dia.		HARM
Tipped TSX Flat Base	160 Gr.	
Tipped TSX Boattail	185 Gr.	
Tipped TSX Boattail	210 Gr.	
Tipped TSX Boattail	225 Gr.	
338 Lapua338" Dia		
Tipped TSX Boattail	265 Gr.	
35 Caliber .358" Dia		
Tipped TSX Boattail	200 Gr.	
9.3MM .366" Dia		
Tipped TSX Boattail	250 Gr.	
375 Caliber .375" Dia		
Tipped TSX Boattail	235 Gr.	
416 Caliber .416" Dia		
Tipped TSX Boattail	350 Gr.	
458 SOCOM .458" Dia		
Tipped TSX Boattail	300 Gr.	

MAXIMUM RANGE X BULLETS® (MRX™) Discontinued

INAXIINOIN IVAIN	L V DOLLEI	> (IMILYX	Discontinued
All-copper, tipped TSX™ bull	ets with a <i>tungsten</i> con	e in the base	
270 Caliber277" Dia	ı .		
MRX Boattail	130 Gr.		
MRX Boattail	150 Gr.		
7mm Caliber284" D	ia.		
MRX Boattail	140 Gr.	A	A
MRX Boattail	160 Gr.		
30 Caliber308" Dia.		A A	/ 1\
MRX Boattail	150 Gr.	10 T	/ • \
MRX Boattail	165 Gr.	137.25	
MRX Boattail	180 Gr.	1000	
338 Caliber338" Dia	ı.		
MRX Boattail	185 Gr.		
MRX Boattail	225 Gr.		
MRX Boattail	250 Gr.		

MULTI-PURPOSE GREEN MPG™ BULLETS

Same frangible construction as Varmint Grenades with addition of a cannelure

No bullet recovery (destroyed)

22 Caliber - .224" Dia.

MPG Flat Base 55 Gr.
6.3 Caliber - .277" Dia.

MPG Flat Base 85 Gr.
30 Caliber - .308" Dia.

MPG Flat Base 140 Gr.
7.62x39 - .310: Dia.

MPG Flat Base 108 Gr.



XLC™ BLUE COATED X BULLET® Discontinued



X BULLETS® Discontinued

Same calibers as Triple Shocks** Open tip, no bands



VARMINT GRENADE™ BULLETS

Copper jacket, open tip, frangible bullets with a compressed copper/tin powder core No bullet recovery (destroyed) 204 Ruger - .204" Dia. Varmint Grenade 26 Gr. 22 Hornet - .224" Dia. Varmint Grenade 22 Caliber - .224" Dia. Varmint Grenade 36 Gr Varmint Grenade 50 Gr. 6mm Caliber - .243" Dia.

Varmint Grenade



Note: Frangible bullets (Varmint Grenade) are certified for use on appropriate non-game species only.

62 Gr.

XPB™ PISTOL BULLETS

These are all-copper, hollow po	oint bullets
.380 ACP355" Dia.	
XPB Pistol	80 Gr.
9mm355" Dia.	
XPB Pistol	95 Gr.
XPB Pistol	115 Gr.
.357 SIG355" Dia.	
XPB Pistol	125 Gr.
.38 Special357" Dia.	
XPB Pistol	110 Gr.
.357 Mag357" Dia.	
XPB Pistol	125 Gr.
XPB Pistol	140 Gr.
40 S&W400" Dia.	
XPB Pistol	140 Gr.
XPB Pistol	155 Gr.
41 Mag410" Dia.	
XPB Pistol	180 Gr.
44 SPL429" Dia.	
XPB Pistol	200 Gr.
44 Caliber429" Dia.	
XPB Pistol	200 Gr.
XPB Pistol	225 Gr.
45 Colt451" Dia.	
XPB Pistol	200 Gr.
XPB Pistol	225 Gr.
45 GAP451" Dia	400 0-
XPB Pistol	160 Gr.



XPB™ PISTOL BULLETS continued

45 ACP451" Dia	
XPB Pistol	185 Gr.
.454 Casull451" Dia.	
XPB Pistol	250 Gr.
460 S&W451" Dia.	
XPB Pistol	200 Gr.
XPB Pistol	275 Gr.
480 Ruger/475 Linebaugh	475 " Dia.
XPB Pistol	275 Gr.
500 S&W500" Dia	
XPB Pistol	275 Gr.
XPB Pistol	325 Gr.
XPB Pistol	375 Gr.



EXPANDER MZ™ MUZZLELOADER BULLETS

These are all-copper, hollow point bullets in a sabot 45 Caliber - .400" Dia. Expander MZ Flat Base 195 Gr. 50 Caliber - .451" Dia. Expander MZ Flat Base 250 Gr. Expander MZ Flat Base 300 Gr. 54 Caliber - .500" Dia. Expander MZ Flat Base 275 Gr. Expander MZ Flat Base



SPIT-FIRE MZ™/TMZ™ MUZZLELOADER BULLETS

Spit-Fire MZ™ = Boattail, all-copper, muzzleloader bullets with sabots Spit-Fire TMZ** = a blue-tipped, boattail muzzleloader bullet

50 Caliber - .451" Dia. Spit-Fire MZ Boattail 245 Gr. Spit-Fire MZ Boattail 285 Gr. Spit-Fire TMZ Boattail 250 Gr.

Spit-Fire TMZ Boattail





290 Gr. SPIT-FIRE TEZ™ MUZZLELOADER BULLETS

These are all-copper, blue-tipped muzzleloaded bullets with blue or black sabots 50 Caliber - 451" Dia. Spit-Fire TEZ Flat Base Spit-Fire TEZ Flat Base 250 Gr. 290 Gr.



LRX™ LONG-RANGE X BULLETS

These are all-copper bullets with a blue plastic tip 7MM .284" Dia. LRX Boattail 30 Caliber .308" Dia. LRX Boattail 338 LAPUA .338" Dia. 265 Gr. LRX Boattail



Note: Frangible bullets (Varmint Grenade and MPG) are certified for use on appropriate non-game species only.



Cartridge	Bullet Wgt Grs	Bullet
	10 10	
223 Remington	55	TSX
243 Win	80	TTSX BT
25/06	100	TTSX BT
270 WSM	140	TSX BT
270 Win	130	TTSX BT
7mm-08	120	TTSX BT
7mm Remington Mag	140	TTSX BT
7mm Remington Mag	150	TTSX BT
7mm Remington Mag	160	TSX BT
30-30 Win	150	TSX FN
30-06 Sprg	150	TTSX BT
30-06 Sprg	168	TTSX BT
30-06 Sprg	180	TTSX BT
308 Win	150	TTSX BT
308 Win	168	TTSX BT
300 Win Mag	150	TTSX BT
300 Win Mag	165	TTSX BT
300 Win Mag	180	TTSX BT
300 WSM	150	TTSX BT
300 WSM	165	TTSX BT
300 Remington Ultra	165	TTSX BT
300 Remington Ultra	180	TTSX BT
338 Win Mag	210	TTSX BT
338 Win Mag	225	TTSX BT
35 Whelen	180	TSX FB
45/70 Govt	300	TSX FN

8 x 57 Mauser	200	TSX BT
9.3 x 62mm	286	TSX FB

375 H&H	300	TSX FB
416 Remington Mag	400	TSX FB
416 Rigby	400	TSX FB
458 Winchester Mag	450	TSX FB
458 Lott	500	TSX FB
470 Nitro	500	TSX FB
500 Nitro	570	TSX FB

357 Magnum	140	XPB
44 Magnum	225	XPB
45 Colt	200	XPB





Bullet Descriptions: TSX: All copper, open tip; TTSX: TSX w/blue tip; BT: boat tail; FN: Flat Nose, hollow point; XPB: Pistol bullets These Barnes bullets have all been previously approved by California DF&G. We are now loading them into ammunition.